

# FULL-WAVE RECTIFIER

*Indirectly heated full-wave rectifier  
with a 5 volt heater.*

# GZ37

## HEATER

V <sub>h</sub>	5.0	V
I <sub>h</sub>	2.8	A

## LIMITING VALUES

### Capacitor input

P.I.V. max.	1.6	kV
i <sub>a(pk)</sub> max. (per anode)	750	mA
I <sub>out</sub> max.	250	mA

### Choke input

P.I.V. max.	1.85	kV
I <sub>out</sub> max.	350	mA

## TYPICAL OPERATING CONDITIONS

### Capacitor input

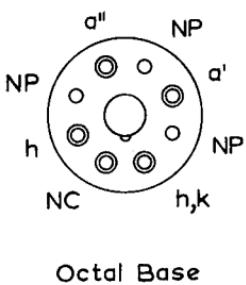
V <sub>a(r.m.s.)</sub>	2 × 300	2 × 400	2 × 500	V
I <sub>out</sub>	250	250	250	mA
C	4	4	4	μF
R <sub>lim</sub> min (per anode)	75	75	75	Ω
V <sub>out</sub> approx.	238	358	486	V

### Choke input

V <sub>a(r.m.s.)</sub>	2 × 300	2 × 400	2 × 500	V
I <sub>out</sub>	350	350	350	mA
L	10	10	10	H
R <sub>choke</sub>	100	100	100	Ω
V <sub>out</sub> approx.	207	298	381	V

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